

Attached hereto is a marked-up version of the changes made to the claims.
The attached page is captioned "Version with markings to show changes made."
The individual amended claims are set out in "clean" form below.

Sub E' 1. (Twice Amended) A system for protecting an enclosure against chemical weapons and/or biological pathogens by the detection of said chemical weapons and/or biological pathogens and the treatment of said chemical weapons and/or biological pathogens agents within air inside of an enclosed airspace that is a gathering area for people, comprising:

D' a detection system for detecting said chemical weapons and/or biological pathogens agents,

a treatment system for treating said chemical weapons and/or biological pathogens agents by treating said air inside of said enclosed airspace, and

a control, responsive to said detection system, for activating said treatment system in response to detection of said chemical weapons and/or biological pathogens agents, said treatment system treating said air inside of said enclosed airspace.

D 2 7. (Twice Amended) A method for protecting an enclosure against chemical weapons and/or biological pathogens by the detection of said chemical weapons and/or biological pathogens and by the treatment of said chemical weapons and/or biological pathogens agents within the air inside of an enclosed airspace that is a gathering area for people, the air circulated in an air stream, comprising:

circulating said air within said air stream,
detecting said chemical weapons and/or biological pathogens agents,
generating a signal upon detection of said chemical weapons and/or biological pathogens agents, and

D2 using said signal to activate a treatment system connected to said air stream for treating said chemical weapons and/or biological pathogens agents, said treatment system treating said air within said air stream.

Sub E 9. (Twice Amended) An apparatus that detects the presence of airborne chemical weapons and/or biological pathogens threats to the human occupants of an enclosed airspace that is served by a forced-air circulation system and treats said chemical weapons and/or biological pathogens threats, said forced-air circulation system circulating an air stream, comprising:

an autonomous chemical and pathogen detector within the said forced-air circulation system that detects the presence of airborne chemical weapons and/or biological pathogens threats,

D3 a treatment system for treating said chemical weapons and/or biological pathogens threats, said treatment system treating said air stream, and

a control, responsive to said autonomous chemical and pathogen detector, for activating said treatment system in response to detection of said chemical weapons and/or biological pathogens agents.

10. (Twice Amended) An apparatus that detects and identifies the presence of airborne chemical and/or biological threats to the human occupants of an enclosed airspace that is served by a forced-air circulation system, said forced-air circulation system circulating an air stream, comprising:

an autonomous chemical and/or pathogen detector means within the said forced-air circulation system for detecting, identifying, and quantifying the presence of airborne chemical weapons and/or biological pathogens threats,

treatment means for treating said chemical weapons and/or biological pathogens threats, said treatment system treating said air stream, and

control means, responsive to said autonomous chemical and pathogen detector means, for activating said treatment means in response to detection of said chemical weapons and/or biological pathogens agents.

11. (Twice Amended) An apparatus that detects, identifies, and quantifies the presence of airborne chemical weapons and/or biological pathogens threats to the human occupants of an enclosed airspace that is served by a forced-air circulation system and treats said airborne chemical weapons and/or biological pathogens threats, said forced-air circulation system circulating an air stream, comprising:

D3 an autonomous chemical and/or pathogen detector within the said forced-air circulation system that detects, identifies, and quantifies the presence of airborne chemical weapons and/or biological pathogens threats,

a treatment system for treating said chemical weapons and/or biological pathogens threats, said treatment system treating said air stream, and

a control, responsive to said autonomous chemical and/or pathogen detector, for activating said treatment system in response to detection of said chemical weapons and/or biological pathogens agents.

D4 Sub E' 16. (Twice Amended) The apparatus of claim 11 wherein said treatment system utilizes an electrostatic precipitator.